Claims

[1] A backlight assembly comprising:
a light generating part that generates a light;
a light controlling part that controls the light generated from the light generating part; and
a light condensing part integrally formed with the light controlling part so as to condense the controlled light.

[2] The backlight assembly of claim 1, further comprising an adhesive layer disposed between the light controlling part and the light condensing part so as to laminate the light condensing part with the light controlling part.

[3] The backlight assembly of claim 2, wherein the adhesive layer comprises an acryl resin or a polyester resin.

[4] The backlight assembly of claim 1, wherein the light controlling part comprises a light diffusion plate diffusing the light, and the light condensing part comprises a brightness enhancement sheet that condenses the light.

[5] The backlight assembly of claim 4, wherein the brightness enhancement sheet comprises a prism shape including a rounded ridge.

[6] An LCD apparatus comprising:
an LCD panel including an upper substrate, a lower substrate and a liquid crystal layer interposed between the upper and lower substrates; and
a backlight assembly including a lamp that generates a light for the LCD panel, a light controlling part that controls the light generated from the lamp, and a light condensing part integrally formed on the light controlling part so as to condense the light.

[7] The LCD apparatus of claim 6, further comprising an adhesive layer disposed between the light controlling part and the light condensing part so as to laminate the light condensing part with the light controlling part.

[8] The LCD apparatus of claim 6, wherein the LCD panel further comprises a polarizer disposed under the lower substrate to transmit a portion of the light generated from the backlight assembly, and a reflective polarizing film integrally formed under the polarizer to transmit a portion of the light and to reflect a remaining portion of the light.

[9] An LCD apparatus comprising:
an LCD panel including an upper polarizer having a first polarizing axis, an

upper substrate disposed under the upper polarizer, a lower substrate combined with the upper substrate so as to interpose a liquid crystal layer between the upper and lower substrates, a lower polarizer disposed under the lower substrate to have a second polarizing axis that is substantially perpendicular to the first polarizing axis, and a reflecting polarizing film integrally formed under the lower polarizer; and

a backlight assembly including a lamp that generates a light for the LCD panel, a light diffusion plate diffusing the light generated from the lamp, a brightness enhancement sheet integrally formed with the light diffusion plate so as to condense the diffused light, a protection sheet disposed on the brightness enhancement sheet so as to prevent the breakage of the LCD panel, and a reflecting plate disposed under the lamp so as to reflect the light generated from the lamp into the light diffusion plate.

[10] The LCD apparatus of claim 9, further comprising a first adhesive layer disposed between the reflecting polarizing film and the lower polarizer so as to laminate the reflecting polarizing film with the lower polarizer.

[11] The LCD apparatus of claim 9, further comprising a second adhesive layer disposed between the brightness enhancement sheet and the light diffusion plate so as to laminate the brightness enhancement sheet with the light diffusion plate.